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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,141	01/30/2001	Magnus Hollstrom	34650-672PT	9924

7590

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EXAMINER

NGUYEN, JENNIFER T

ART UNIT

PAPER NUMBER

2674

DATE MAILED: 04/09/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/774,141

Applicant(s)

HOLLSTROM ET AL. 

Examiner

Jennifer T Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This office action is responsive to amendment filed on 1/27/03.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Buckley et al. (U.S. Patent No. 6,446,871) in view of Sasaki (U.S. Patent No. 6,144,324).

Regarding claim 1, referring to Fig. 5, Buckley teaches an electronic reading device system, comprising: an electronic reading device (16) (i.e. electronic pen) for use with a formatted surface, the electronic reading device (16) including a sensor (2) for detecting portions; wherein positions of the electronic reading device (16) relative to the on a formatted surface and a separate electronic device (104) (i.e. personal computer) that includes a display screen for displaying feedback relating to the detected portions (col. 1, lines 21-28, col. 5, lines 55-61, col. 6, lines 43-46, from col. 11, line 28 to col. 12, line 15).

Buckley differs from claim 1 in that he does not specifically teach formatted surface having an address pattern. However, referring to Fig. 2, Sasaki discloses formatted surface having an address pattern (28) (col. 5, line 63 to col. 6, line 5 and col. 34, line 65 to col. 35, line 8). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the formatted surface having an address pattern as taught by

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Sasaki in the system of Buckley in order to allow determining the location in the overall pattern more precise.

Regarding claim 2, the combination of Buckley and Sasaki teaches the detected portions of the address pattern correspond to information written using the electronic reading device (16) on the formatted surface, said feedback comprising a representation of the information written using the electronic reading device (16) (from col. 11, line 28 to col. 12, line 15 of Buckley).

Regarding claims 3 and 4, Buckley further teaches the written information comprises handwritten text, said representation comprising text characters that correspond to the handwritten text (col. 12, lines 16-27).

Regarding claim 5, the combination of Buckley and Sasaki teaches the formatted surface (10) includes an area (14) for requesting a display of feedback, said feedback displayed in response to a detection, by the electronic reading device (16), of a portion of the address pattern within said area (14) (Fig. 1, col. 11, lines 6-26 and from col. 11, line 63 to col. 12, lines 5 of Buckley).

Regarding claims 6 and 7, Buckley further teaches a communication link between the electronic reading device and the separate electronic device (col. 5, lines 49-55).

Regarding claim 8, Buckley further teaches the formatted surface comprises an application interface corresponding to a specific application (i.e. student's choices), said feedback displayed on the display screen comprising information (i.e. answer) relating to the specific application (from col. 11, line 63 to col. 12, lines 5).

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Regarding claims 9 and 10, Buckley further teaches an application server from which the information relating to the specific application is retrieved via an Internet connection (from col. 3, line 67 to col. 4, line 3 and col. 11, lines 6-62).

Regarding claim 11, Buckley further teaches the information relating to the specific application comprises data previously stored by a user of the electronic reading device (from col. 11, line 38 to col. 12, line 4).

Regarding claim 12, Buckley further teaches the separate electronic device is a personal computer (104) (Fig. 5).

Regarding claim 13, the combination of Buckley and Sasaki teaches the detected portions of the address pattern correspond to a specific application, said feedback associated with the specific application (from col. 11, line 38 to col. 12, line 4 of Buckley).

Regarding claim 14, referring to Fig. 9, Buckley further teaches the feedback comprises help data for the specific application (col. 11, lines 13-17).

Regarding claim 15, referring to Fig. 5, Buckley teaches a method for providing electronic reading device feedback, comprising: detecting portions on the formatted surface with an electronic reading device (16), wherein positions of the electronic reading device (16) relative to the formatted surface are determined based on the detected portions; sending information relating to the detected portions to an electronic display device (104); converting said information into feedback relating to the detected portions; and displaying said feedback relating to the detected portions on the electronic display device (104) (col. 1, lines 21-28, col. 3, line 30 to col. 4, lines 3 and from col. 11, line 28 to col. 12, line 15).

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Buckley differs from claim 15 in that he does not specifically teach formatted surface having an address pattern. However, referring to Fig. 2, Sasaki discloses formatted surface having an address pattern (28) (col. 5, line 63 to col. 6, line 5 and col. 34, line 65 to col. 35, line 8). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the formatted surface having an address pattern as taught by Sasaki in the system of Buckley in order to allow determining the location in the overall pattern more precise.

Regarding claim 16, the combination of Buckley and Sasaki teaches the address pattern corresponds to a specific application, said feedback associated with the specific application (from col. 11, line 38 to col. 12, line 4 of Buckley).

Regarding claim 17, Buckley further teaches the feedback comprises help data for the specific application (Fig. 9) (col. 11, lines 13-17).

Regarding claim 18, Buckley further teaches the step of converting said information into feedback further comprises the step of retrieving said feedback from a remote server (208) (Fig. 5, col. 11, lines 6-12).

Regarding claim 19, Buckley further teaches the step of selecting a feedback area of the address pattern with the electronic reading device (16), said step of displaying feedback performed in response to the step of selecting (col. 8, lines 26-43).

Regarding claim 20, the combination of Buckley and Sasaki teaches the step of sending comprises transmitting the information relating to the detected portions of the address via one of a wireless local link and a cable (col. 3, lines 43-54 of Buckley).

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Regarding claim 21, the combination of Buckley and Sasaki teaches the detected portions of the address pattern correspond to information written using the electronic reading device (16), the step of converting the information into feedback further comprising the step of converting the written information to text characters, said feedback comprising the text characters (Fig. 9 and col. 12, lines 16-27 of Buckley).

Response to Arguments

4. Applicant's arguments filed 1/27/03 have been fully considered but they are not persuasive. In response to Applicant's argument that claims 1 and 15 recite "Buckley does not disclose a separate electronic device having a display screen for displaying feedback ... formatted surface". This argument is not persuasive because Buckley discloses a separate electronic device (PC) (104) (Fig. 5) having display screen for display feedback, for example, the further information related to the subject matter of the article or advertisement associated with the particular code (col. 5, lines 1-4, lines 56-61, col. 11, line 45 to col. 12, line 4).

5. Applicant's arguments with respect to claims 1-23 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jennifer T. Nguyen** whose telephone number is **703-305-3225**. The examiner can normally be reached on Mon-Fri from 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reach at **703-305-4709**.

Any response to this action should be mailed to:

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Commissioner of Patents and Trademarks

Washington, DC. 20231

Or faxed to: 703-872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, sixth-floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-306-0377.

Jennifer T. Nguyen
Patent Examiner
Art Unit 2674



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600